

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-10 (canceled)

Claim 11 (original): An apparatus for manufacturing an organic electroluminescence display, the organic electroluminescence display having a substrate, a first electrode layer formed on the substrate in a predetermined pattern, an organic layer including a plurality of organic material layers stacked on the first electrode layer in a predetermined pattern and a second electrode layer formed on the organic layer, the apparatus comprising:

an alignment mechanism for aligning a mask, having openings corresponding to the predetermined pattern, to the substrate on which the first electrode layer is formed and for detachably attaching the mask and the substrate;

a plurality of vacuum processing chambers for sequentially forming a plurality of the organic material layers on the substrate, the substrate being attached to the mask; and

a transferring mechanism for transferring the attached mask and substrate to one of the plurality of vacuum processing chambers to sequentially transfer the attached mask and substrate among the plurality of the vacuum processing chambers.

Claim 12 (original): An apparatus for manufacturing an organic electroluminescence display as claimed in claim 11, wherein each of the plurality of vacuum processing chambers forms only one layer of the plurality of organic material layers.

Claim 13 (original): An apparatus for manufacturing an organic electroluminescence display as claimed in claim 11, wherein each of the plurality of vacuum processing chambers includes a vapor deposition source for supplying an organic material for forming an organic material layer.

Claim 14 (original): An apparatus for manufacturing an organic electroluminescence display as claimed in claim 11, further comprising a vacuum transfer chamber connecting the vacuum processing chambers, wherein the transferring mechanism is arranged in the vacuum transfer chamber.

Claim 15 (original): An apparatus for manufacturing an organic electroluminescence display as claimed in claim 11, further comprising an attachment fixture for attaching the substrate and the mask.

Claim 16 (original): An apparatus for manufacturing an organic electroluminescence display as claimed in claim 15, wherein the mask is formed of a magnetic material, and the attachment fixture is provided with a contact surface fully contacting a non-film formation surface side of the substrate, has at least the contact surface formed of a plate-shaped magnet, and has the substrate sandwiched between the mask and the contact surface attached with the mask by a magnetic force of the magnet.

Claim 17 (original): An apparatus for manufacturing an organic electroluminescence display as claimed in claim 11, wherein the organic layer includes at least first and second organic layers regularly arranged on the substrate with different colors of light emitted, the apparatus further comprising:

- a first alignment mechanism for aligning a mask commonly used for forming the first and second organic layers with the substrate on which the first electrode layer is formed and detachably attaching the mask and the substrate;

- a plurality of first vacuum processing chambers for sequentially forming the organic layers on the substrate attached with the mask;

- a second alignment mechanism for separating the substrate on which the first organic layer is formed from the mask, changing the alignment between the substrate and the mask to a position to form the second organic layer, and for detachably attaching the substrate and the mask again; and

a plurality of second vacuum processing chambers for sequentially forming the second organic layer on the substrate attached with the mask again.

Claim 18 (original): An apparatus for manufacturing an organic electroluminescence display as claimed in claim 17, the apparatus further comprising:

a separating mechanism for separating the mask and the substrate after forming the second organic layer; and

a vacuum chamber for forming the second electrode layer on the substrate separated from the mask so as to cover the first and second organic layers.

Claim 19 (original): An apparatus for manufacturing an organic electroluminescence display as claimed in claim 18, wherein the first, second and third alignment mechanisms comprise a mask support member configured to support the mask, a substrate support member configured to support the substrate, an attachment fixture support member configured to support the attachment fixture, and a movement mechanism for changing relative positions between the support members, wherein the mask and the substrate are aligned and the mask and the substrate are at least one of attached and separated by the attachment fixture by changing the relative positions of the support members.